



WV-TW310 SERIES

Wearable Camera

- Wide-angle 180° horizontal and 140° vertical field of view
- Approximately 32 hours of recording time using H.264 compression
- Evidence-grade tamper-proof file security
- Optional pre-record setting for up to 30 seconds
- Auto day/night mode switching
- Image correction and video stabilization via Viewer software
- Auto PC upload of video evidence files via Ethernet
- Built-in microphone
- Sealed all-weather design

Body-worn evidence capture.

Panasonic's WV-TW310 series wearable cameras are rugged, tamper-proof 1.3MP cameras designed to complement your mobile digital video system and be worn on the body. Each camera is engineered to excel in demanding environments and features a high-quality fish-eye lens that achieves extremely wide angles of view. Helping you capture evidence and maintain its integrity is how we're engineering a better world.

Agent/Viewer Software

- Agent software allows automatic uploads of video image data to PC via a conversion box
- Viewer software enables fish-eye original images to play back with stabilization and distortion correction



Original Fish-eye Image



Corrected Image

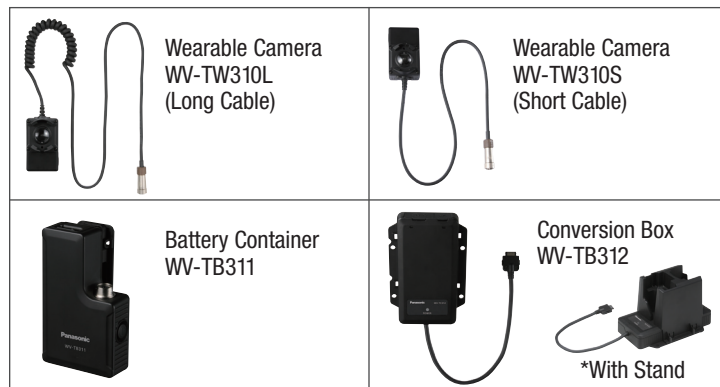


1.888.357.1107

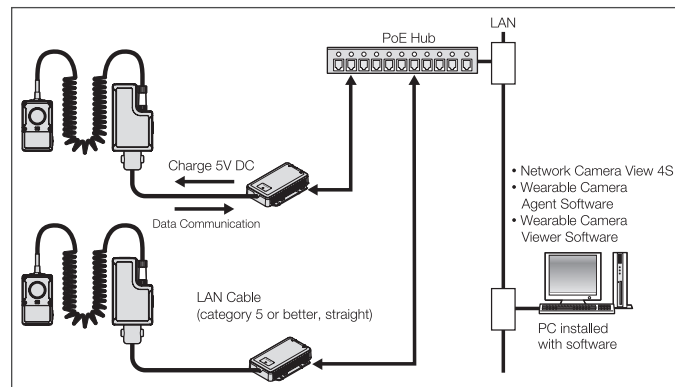
panasonic.com/business-solutions

SOLUTIONS FOR PUBLIC SAFETY

WV-TW310 COMPONENTS



SYSTEM CONNECTION EXAMPLE



WV-TW310 SPECIFICATIONS

BASIC	
Power Source	12V DC, PoE (IEEE802.3af compliant)
Power Consumption	12V DC*: 650 mA, PoE: 11W (Class 0 device) *Only Connect 12V DC Class 2 Power Supply or Limited Power Source.
Ambient Operating Temperature	14°F to 122°F; While worn on body: 14°F to 113°F
Battery	WV-TB311 (Lithium-ion battery) only
Dimensions	1-25/32"(W) x 2-15/16"(H) x 1-5/8"(D) (Excluding the cable and projection.)
Weight	WV-TW310L: Approx. 0.46 lbs. WV-TW310S: Approx. 0.35 lbs.
Cable Length	WV-TW310L: 37'-3/8" WV-TW310S: 23'-5/8"
Finish	Black
CAMERA	
Image Sensor	1/4 type MOS sensor
Effective Pixels	Approx. 1.3 megapixels
Scanning Area	5/32"(H) x 11/100"(V)
Scanning System	Progressive
Minimum Illumination	1.5lux (color); 1.0lux (B/W)
Gain (AGC)	On (Low) / On (Mid) / On (High) / Off
Wide Dynamic Range	On / Off
Adaptive Black Stretch	On / Off
Back Light Compensation	On / Off
Light Control Mode Setting	Indoor scene (50 Hz/60 Hz) / ELC
Maximum Exposure Time	1/30, 3/100, 3/120, 2/100, 2/120, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000
Day & Night (electrical)	Off / Auto
White Balance	ATW1 / ATW2 / AWC
Digital Noise Reduction	High / Low
LENS	
Focal Length	0.82mm
Maximum Aperture Ratio	1:2.6
Angular Field of View	Horizontal: 180°, Vertical: 140°
NETWORK	
Interface	10/100 Ethernet (RJ-45)
Resolution	Aspect ratio: 4:3 H.264 1280 x 960 JPEG 640 x 480 (Only HTML on PC, 5 fps)
Image Compression Method	H.264 Transmission type: Unicast Video bit rate: 2048 kbps / 4096 kbps / 8192 kbps Frame rate priority: 15 fps / 30 fps
Audio Compression Method	G.726 (ADPCM) 32 kbps
Protocol	IPv6: HTTP, FTP; IPv4: HTTP, FTP, DHCP
OS ^{*1,2}	Microsoft Windows® 7 / Microsoft Windows Vista® / Microsoft Windows® XP SP3
Browser	Windows Internet Explorer 9.0 (32-bit) Windows Internet Explorer 8.0 (32-bit) Windows Internet Explorer 7.0 (32-bit) Microsoft Internet Explorer 6.0 SP3
Maximum Concurrent Access Number	Up to 10 at JPEG, Up to 4 at H.264
Compatible SDHC Memory Card (option)	Manufactured by Panasonic SDHC memory card: 32GB, Class 10

*1. Refer to Notes on Windows® / Internet Explorer® versions (included in CD-ROM) for further information about system requirements for a PC and precautions when using Microsoft Windows® 7, Microsoft Windows Vista® or Internet Explorer.
*2. When using IPv6 for communication, use Microsoft Windows® 7 or Microsoft Windows Vista®.

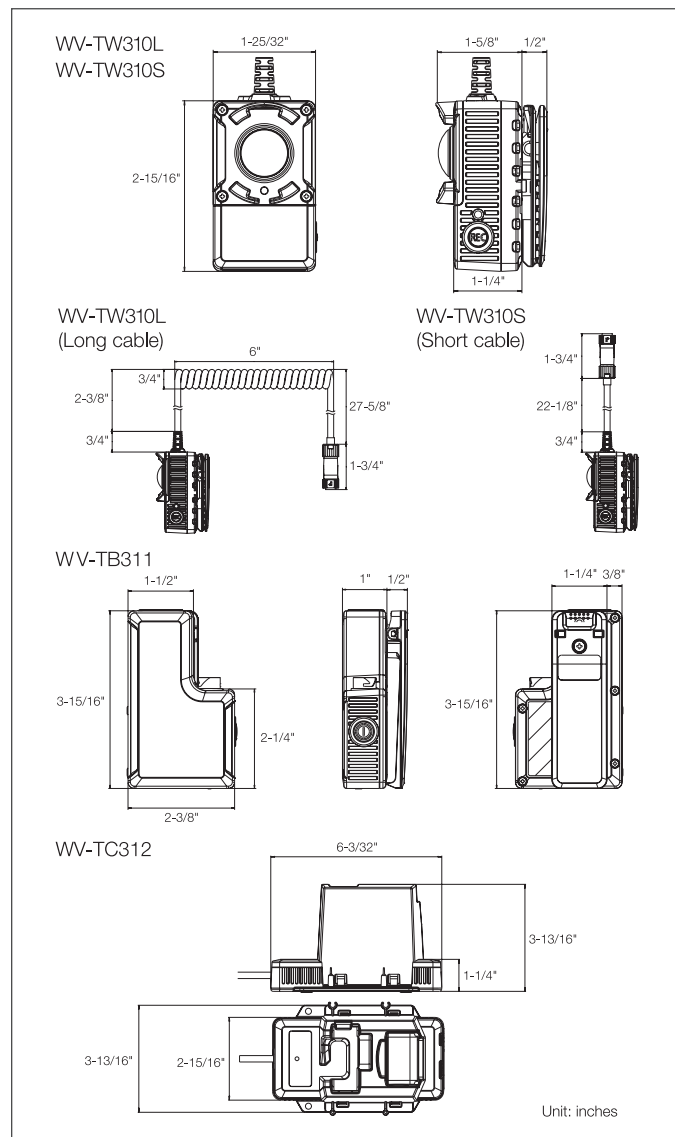
Important

- Panasonic recommends a dedicated PC to prevent installation errors and to keep best performance.
- Safety precaution: carefully read the operating instructions and installation manual before using this product.
- Panasonic cannot be responsible for network performance and/or other manufacturer products that reside on the network.

1.888.357.1107

panasonic.com/business-solutions

DIMENSIONS



- All TV pictures are simulated.
- Masses and dimensions are approximate.
- Specifications are subject to change without notice.
- These products may be subject to export control regulations.